CATALOG

and

Operating Instructions

"Little Wonder"

Trade Mark Reg. U. S. Pat. Off.

Hedge Trimmers

HAND

and

ELECTRIC

"Little Wonder"

Lawn Weed Clippers

Manufactured by

DETCO MANUFACTURING CO.

OAKS, Montg. Co., PA.

(Near Philadelphia)

Instructions for Operating the Hand and Electric Driven "Little Wonder" Hedge Trimmers and Lawn Weed Clippers

Always keep knives sharp by stone furnished with machine. Sharp knives make a clean and even job. Keep grease cups filled with good soft cup grease.

Oil cutting bar FREQUENTLY (in slots of movable blade) with a mixture of ONE-HALF KEROSENE and ONE-HALF MACHINE OIL. This cuts the gum from the sap of the hedge that forms between knives and allows machine to operate freely.

The use of MACHINE OIL by itself WILL NOT DO, although kerosene used alone will answer.

In operating the machine, work the crank at a fair rate of speed of about sixty to eighty turns per minute, and more forward in a slow but steady gait. This will allow the knives to make a clean cut.

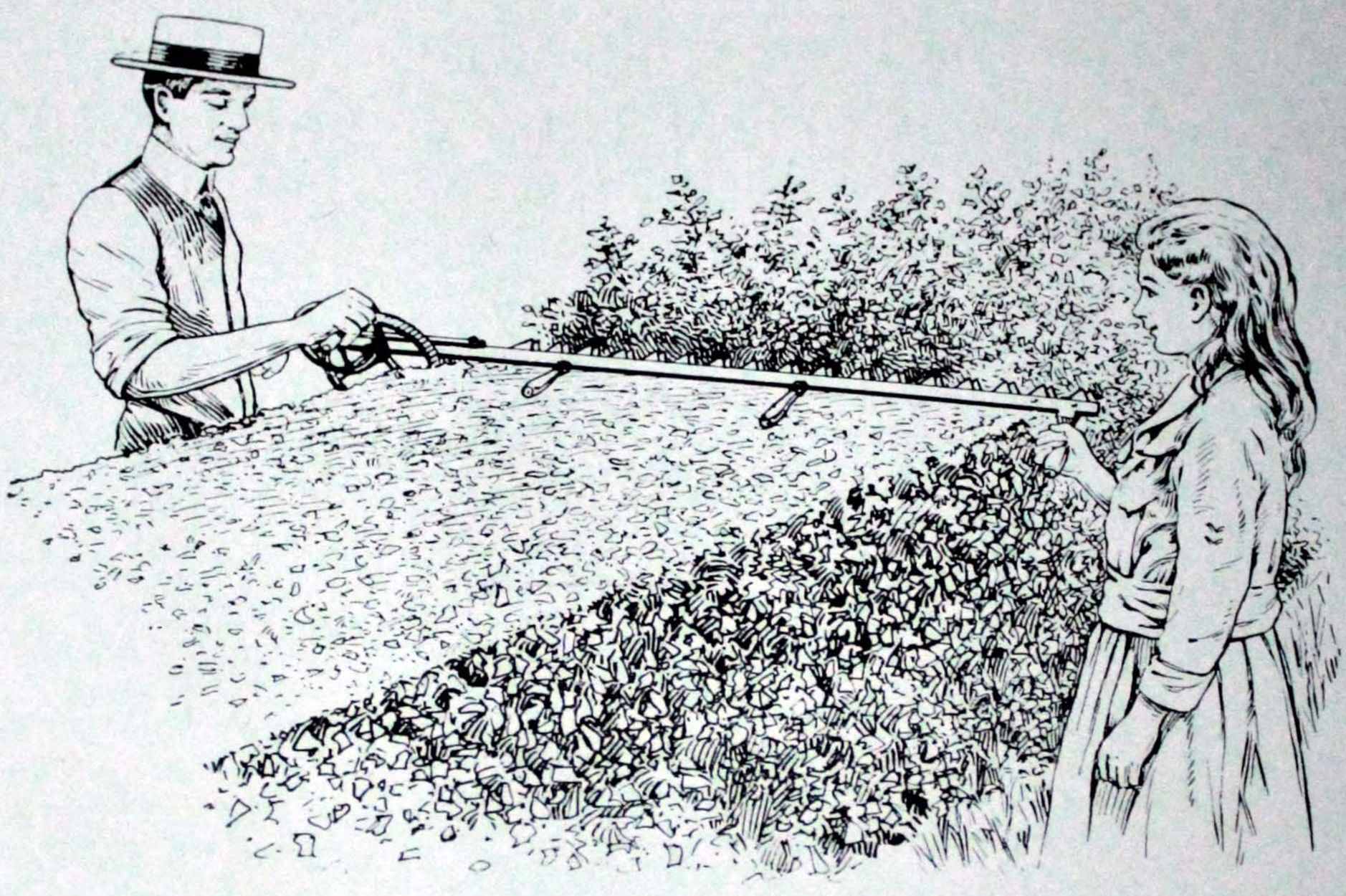
After machine is used considerable, take up the large head machine screws (No. 4) a little to draw the blades closer together. Use care in this and see that one is not closer than the other and cause the blade to bind. AFTER USE, every time, clean the cutting blades off and oil them with common machine oil to prevent rusting.

Fifty years ago our mothers made our clothes one stitch at a time; machinery does it now. A few years ago we trimmed hedges by hand; "LITTLE WONDER" does it now.

January 1, 1939

Two Persons Making Top Cut on High or Wide Hedges with Hand or Electric Machines

Use machine assembled as on page 2, omitting shoulder strap and body support. We recommend this method until the operator becomes familiar with the machine, as it steadies the far end of the cutting bar.



This method used for both 40-inch and 60-inch machines.

Place the movable cutting bar next to hedge.

In making top cuts an extremely smooth and velvet-like finish is obtained by making a SECOND CUT in the OPPOSITE DIRECTION immediately after making first cut. This catches the small stubs that happen to "push" when the first cut is made. This will not be necessary on a **well-kept** hedge.

In making this second or reversed cut, let the operator remain on same side of hedge and simply TURN MACHINE UPSIDE DOWN and operate as before.

Some prefer to operate it in the upside-down position at all times. This is merely a matter of preference.

This machine is either right or left-handed just as you hold it.

This method trims ten times as fast as hand shears.

To Set Up 30-in. Machine for Top Cuts

Bolt frames together, similar to 40″ instructions, as illustration shows. Attach body support as per illustration for 40″. Buckle strap on as per illustration.

Illustrating 30″ Machine Making Top Cut

Hedges 4 ft. wide may be cut in this manner, cutting in from each side.

This method is used for a large variety of heights, including quite high, as the body support makes it easy to control the cutting bar, even when placed as high as midway between the operator's waist and neck.

Adjust buckle so the strap takes all the weight of the machine when operator stands erect. Hold machine firmly against the body.

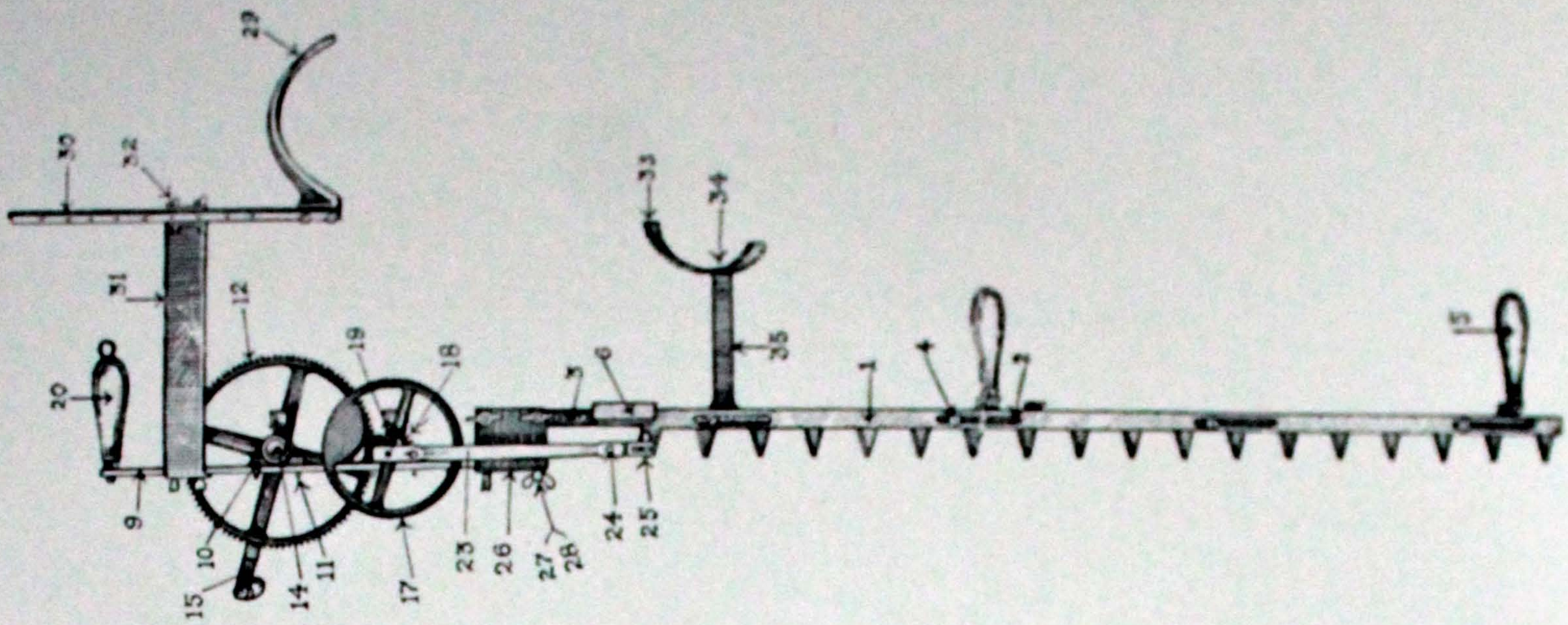
RIGHT or LEFT HANDED

Used either way, as shown in above illustrations. To change, all that is necessary is to remove handle on end of gear bar and screw in on opposite side, attach shoulder strap to eye in end of handle and turn machine upside down.

A very smooth finish is obtained by using machine in opposite directions as shown above. Using movable cutting blade next to hedge for the last cut.

Anyone can easily hold this small machine steady, right from the start. No one need assist.

To Set Up 40-in. Hand Machine for Side Cut



Follow carefully the placing of angle iron (No. 26) exactly as shown on cut, also the assembling of the universal joint (No. 25) to end of driving rod (No. 23) and attach driving rod to fly-wheel in the second hole as shown in cut.

Then assemble shoulder brace (No. 29 and 30) exactly as shown in cut. Four adjustments are provided to allow operator to so adjust machine with himself and the height of the hedge he wishes to cut. By placing the brace in the top holes of adjusting bar (No. 30) the machine is then lowered to its lowest point. While placing the brace in the bottom holes of the adjusting bar, next to the shoulder support, the machine is raised to its highest point. Use cap screws as provided. The cut clearly describes proper assemblage.

Then assemble waist support to frame of machine by means of cap screws and as described in cut. An extension for body brace bracket (No. 35) is furnished, adjustment of which permits lower end of cutting bar to be thrown further forward.

To Set Up 30-in. Hand Machine for Side Cut

Follow instructions for 40-in. above.

Sides of hedges as high as 4 ft. are easily made with this size cutting bar, by two operations.

FIRST make a cut from top of hedge down as far as cutting bar comes, by attaching shoulder brace adjusting bar (No. 30) as shown on illustration of 40-inch size, which raises the machine to its highest point.

THEN make the lower side cut by reversing shoulder brace (No. 29), screwing bar (No. 30) to brace (No. 31)

(See Price List of Parts, page 16)

What Enthusiastic Users Have to Say About the Hand-Operated "Little Wonder"

"I have been trying your "LITTLE WONDER" hedge trimming machine and I must say it really is a Little Wonder. We have over half of a mile of California Privet hedge. It took us trimming by hand, nearly two weeks to do the work, now it takes us about three of four days. The machine has paid for itself already. I shall recommend your machine wherever I am.—Frank A. Goeke, Landscape Gardner, Granville, Ohio.

"The hedge trimmer is a joy and I shall be glad to recommend it to others."—Paul J. Kruesi, Southern Ferro Alloys Co., Chattanooga, Tenn.

"The writer used your machine one morning last week for about one hour before breakfast and what he did in one hour was about what a good hand would have done in ten hours with the old time hedge shears. How is that?" C H. Snider, Mgr. Everygreen Nurseries, Conway, S. C.

"I have a hedge 285 feet long, 4 feet high and 4 feet wide and it took me one hour to cut it with the "LITTLE WONDER." Before I used your machine it took me eight hours." W. T. Ponton.

"Would not be without your hedge trimmer for anything in the world."—W. Ed. Tucker, 529 Main St., Paris, Ky.

"Your "LITTLE WONDER" Hedge Trimmer arrived a few days ago. Have given it a thorough try-out and will say it is certainly a Little Wonder. Notified the head of our department today that the machine was a complete success."—W. J. Hibbs, Mifflin, Pa.

"I feel it only fair to tell you how very satisfactory has been the hedge trimmer I bought from you.

"It not only will do the work better than with hand clippers but it saves so much time that the machine will pay for itself in less than a season.

"To clip the top of our hedge used to take one man a full two days and with the machine we do it in less than two hours. Before we never clipped the sides at all but with the machine, it can be done as fast as a man can walk slowly."—Morton B. Stelle, Beverly Farm, St. Michaels, Md.

"We find that the "LITTLE WONDER" certainly lives up to its name, as it does wonderful work and saves us considerable money, as it does the work of four (4) men. Our men like to use this machine because it does not tire them at all like the hand-clippers used to, and we are well satisfied with the work which your machine accomplishes." Frank J. Page, Chairman Grounds Committee, Douglas Manor Ass'n., Douglaston, L. I.

"I have tested thoroughly the efficiency of the "LITTER WONDER" Hedge Trimmer and was greatly pleased with the work. Although absolutely untrained to its use, I trimmed in less than half a day with the assistance of one man, the hedge which has usually taken from three to nine days to have trimmed by two men."—John S. Barbour, Washington, D. C.

"I want to assure you that I have not lessened at all in my enthusiasm of the "LITTLE WONDER" Hedge Trimmer, and I think more of it every time I use it. If anyone questions its ability, show them the samples of wood which I clipped with it on my barberry hedge a short time ago, and my privet hedge of about 500 feet I went over Saturday in about three hours, top and sides, and a perfect job."—T. R. Barnes, Woodmont, Conn.

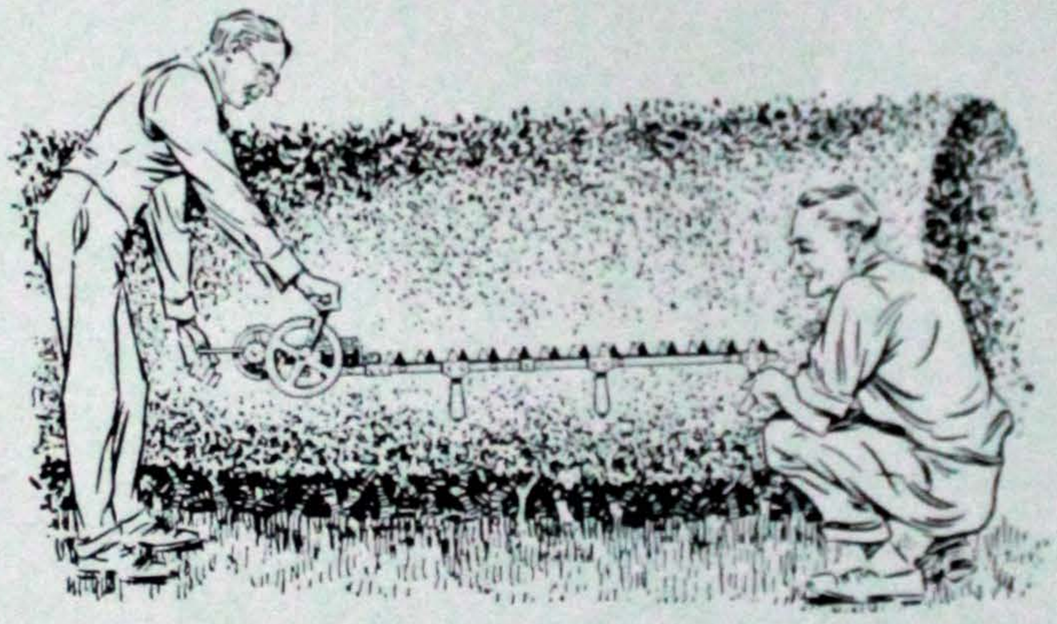
To Operate on Sides of Tall or Fancy Shapes

HAND MACHINES

Assemble machine as shown on page 3, omitting shoulder and body supports, using angle bracket No. 26, and brass joint No. 25.

The following illustration shows plainly the method used for this cut. This makes the operation very easy and practical for two persons, for when assembled with the angle bracket attachment (No. 26), the cranking of the machine does not get in the way of the hedge in making side cuts.

With this method it is extremely easy to operate and it is wonderful how quickly it gets over the hedge and how nicely it does the work.



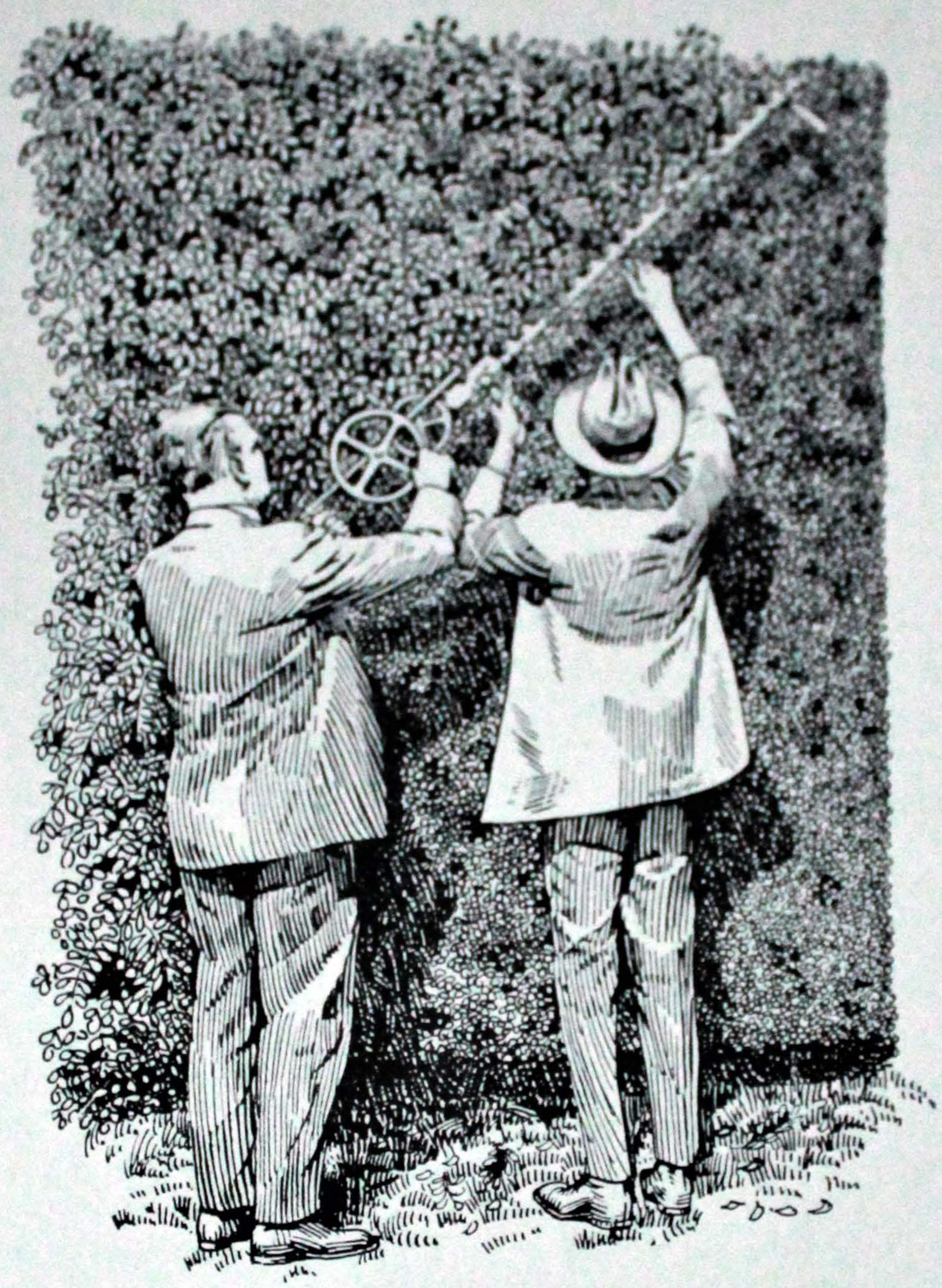
This method may be employed in making side cuts with 40 and 60-inch size—hand or electric power.

For ROUND TOPS keep cutting bar in position as shown until a point half way over the top is reached. Repeat on opposite side, and you will have a fine velvet-like finish, no dips or bumps, the long cutting bar naturally adjusting itself to the old cutting line.

For PIVOT TOPS, follow instructions on page 2.

The "LITTLE WONDER" will trim as much hedge in an hour, in the cool of the day, as hand shears, working all day in the hot sun.

Side Cutting on Very High Hedges with Hand or Electric Machines



Electric Machine Requires One Man
Hand Machine Requires Two Men

Illustrating a 40″ hand machine trimming side of a hedge 10 ft. high, right from the ground—a spare handle is furnished upon request, for attaching to end of cutting bar for the assistant's left hand.

A very even cut is produced as it is quite easy for the assistant to hold the machine steady.

Think of the tremendous saving by eliminating the scaffolding and time jumping up and down from same, such as old hand shear method requires.

This method is used in trimming various shapes of hedges such as Pivoted top, etc., also vines and shrubbery of various kinds.

A few of the many testimonials received from pleased users of Electric "LITTLE WONDER" Hedge Trimmers

Electric "Little Wonder" Hedge Trimmers

Detco Manufacturing Company,
Oaks, Pa.
Gentlemen:

For a number of years we labored away, trying to trim 2,000 feet of privet hedge with hedge shears. After awhile we got a hedge trimmer that worked by hand much like a manifold scissor. Then we had your machine that we thought was marvelous. It trimmed the top of the hedge by grinding the crank and this spring you put before us the new and complete idea of a motor-driven trimmer.

It took our man, in the old days, three weeks' constant work to trim the 2,000 feet of privet hedge, which is about five feet high and from five to seven feet across the top. A week ago last Saturday, we gave it it's last trimming for the year and we did it in two and one-quarter hours. There is some difference in this machine and the old-fashioned method and we cannot recommend your machine too highly.—Harry Growtage, c/o Chas. T. Bainbridge's Sons, Brooklyn, N. Y.

Detco Manufacturing Company,
Oaks, Pa.

Gentlemen: Last Summer we bought a Little Wonder Electric Hedge Trimmer from you, and it has more than saved its cost already.

There are 3500 feet of hedge on this place and one man can keep it trimmed now, working 6 days, where before it took two men from 12 to 14 days.

I can certainly recommend it to any one having a large amount of hedge to keep in condition. Mr. Kuiper, Supt. for Mrs. Bradley Martin, Westbury, L. I., N. Y.

Detco Manufacturing Company,
Oaks, Pa.

Gentlemen: Regarding your Electric Little Wonder Hedge Trimmer, I am glad to say that I am satisfied in every respect. In fact, I would not be without one now. Besides the fact that it makes a better looking hedge when finished, it is a great labor saving device. I have about six (6,000) thousand feet of hedge, four feet high, which used to take four men about ten days, but with the Electric Little Wonder, two ordinary laborers, working this machine, can accomplish the same work in three days.—D. H. Hartman, Supt., H. D. Walbridge Estate, Roslyn Heights, L. I., N. Y.

Detco Manufacturing Company,
Oaks, Pa.

Gentlemen: I purchased one of your Electric "LITTLE WONDER" Hedge Trimmers last Spring. I will say it is a little wonder. Where it took one man about two weeks to trim our hedge by hand, with this machine, two men can do that work in three days easy, and do very fine, even work, what no man can do by hand. As we trim our hedges quite often, I am sure I saved one man, six wages this season.—Otto Hertzsch, Supt. John N. Willys, Oyster Bay, N. Y.

THE ELECTRIC "LITTLE WONDER" HEDGE TRIMMERS

A Proven Success for Years — Constantly Improved — Equipped with Latest Type Ball Bearing Heavy Duty Motors

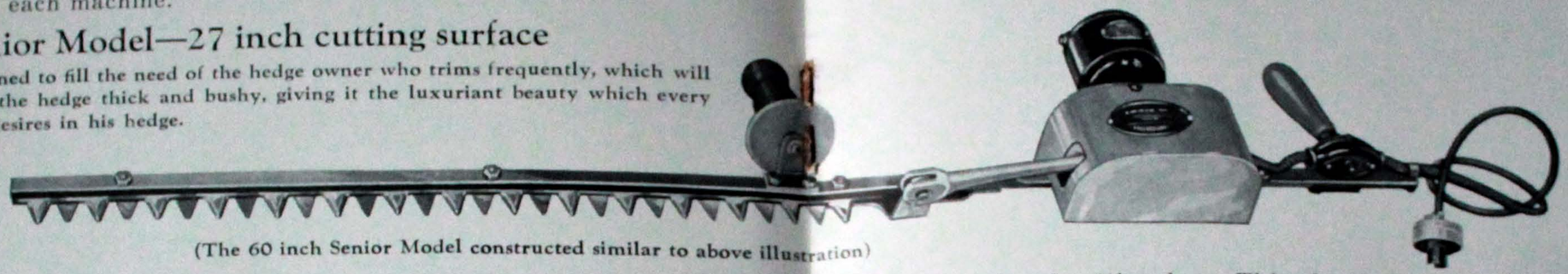
MAKES HEDGE TRIMMING A POSITIVE PLEASURE

All Models Sold Only on Guarantee of Entire Satisfaction or May be Returned for Full Credit

Simply plug into a lamp socket, snap the switch, guide it along the hedge and you will realize a sensation never dreamed of in hedge trimming. The Long Cutting Bar is a distinct advantage, cutting all the way across the top in One Cut, saving time and producing a smooth, velvet-like finish. Sides also quickly and neatly cut as shown in illustration. Trims 300 to 500 feet of hedge, top and both sides, in one hour. A size to meet every need. Built sturdy and yet light. Blades are made of highest grade steel. Frame made of duralumin. One year guarantee with each machine.

Junior Model—27 inch cutting surface

Designed to fill the need of the hedge owner who trims frequently, which will keep the hedge thick and bushy, giving it the luxuriant beauty which every one desires in his hedge.

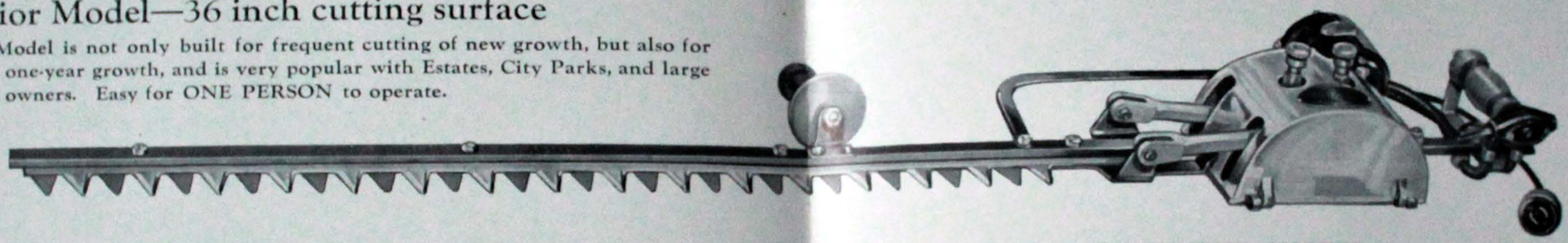


(The 60 inch Senior Model constructed similar to above illustration)

The 60-inch size is very popular with Estates having wide hedges, on account of length of cutting bar. This size is operated by TWO PERSONS, one at each end. The amount of work accomplished by this size is astounding.

Senior Model—36 inch cutting surface

This Model is not only built for frequent cutting of new growth, but also for heavy one-year growth, and is very popular with Estates, City Parks, and large hedge owners. Easy for ONE PERSON to operate.



JUST A FEW PROMINENT USERS OF ELECTRIC MODELS AND PORTABLE GENERATING OUTFITS

Hershey Chocolate Co., Hershey, Pa.
Atwater Kent, Philadelphia
Boca Raton Club, Boca Raton, Fla.
City of Beverly Hills, California
Cities of Philadelphia and Reading, Pa., etc.
Sea View Country Club, Atlantic City, N. J.
U. S. Naval Stations located throughout U. S. and possessions

General Instructions for Operation of Electric "Little Wonder"

Should machine clog and stop, snap off switch **AT ONCE;** if current is left on after stalling motor, it will burn out. Keep commutator bright with fine sand paper, not emery cloth. When brushes wear short, order new ones. Ball bearings of motor are packed with grease and should require no attention under ordinary use.

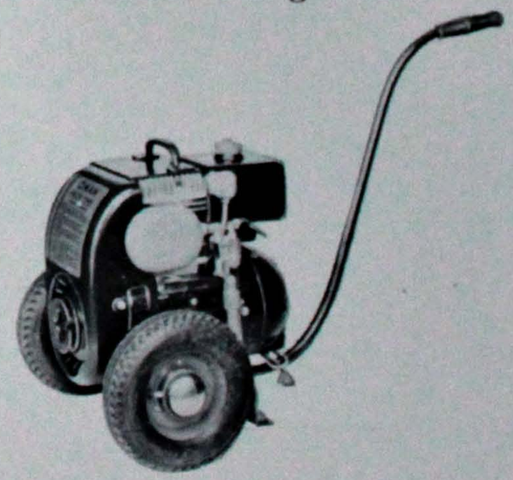
GEAR BEARINGS: Keep the two grease cups filled with best quality petroleum jelly or cup grease and SCREW THEM DOWN EVERY HALF HOUR DURING OPERATION.

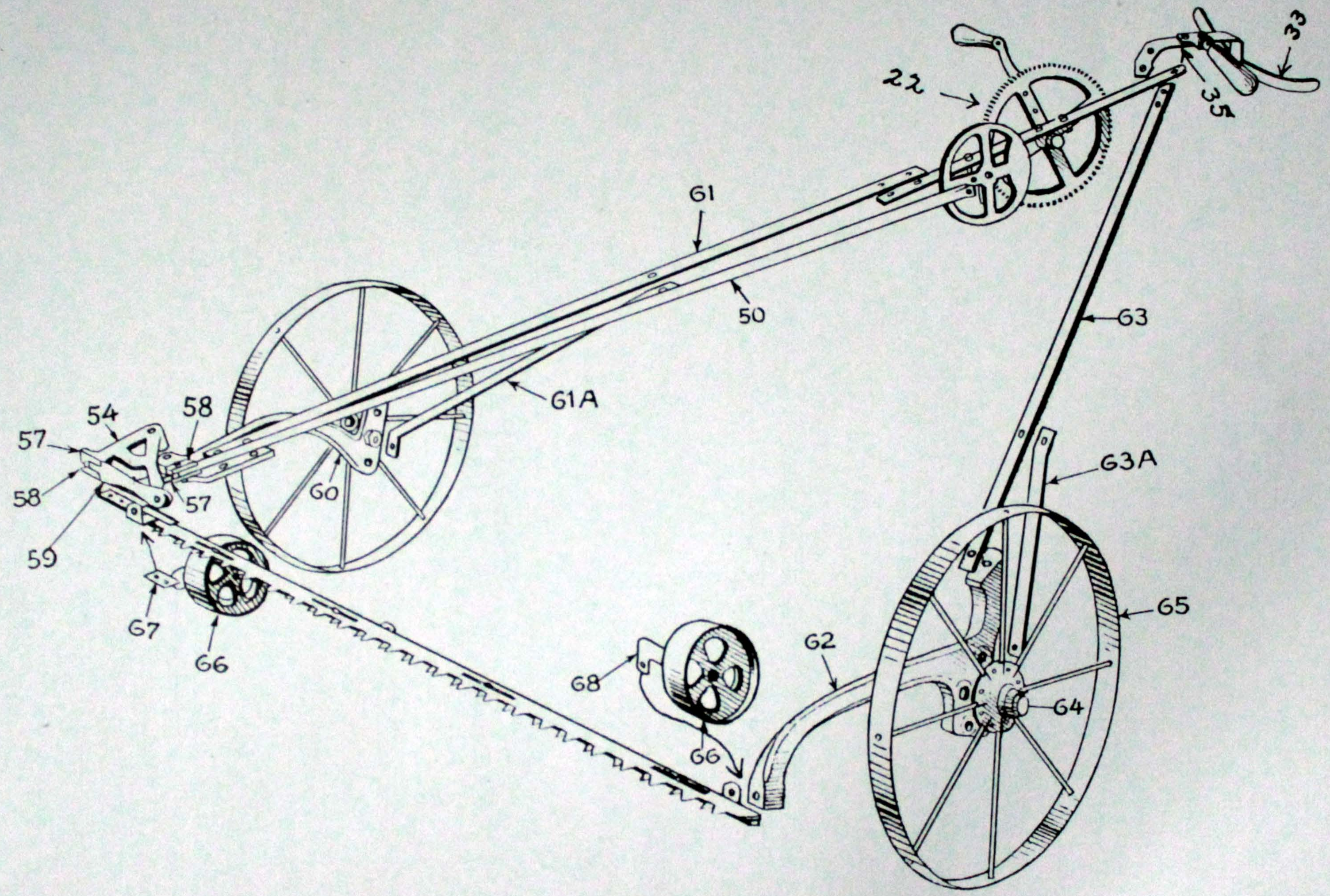
CUTTING BAR LUBRICATION: Use clear kerosene or a mixture of half kerosene and half lubricating oil in the long slots in the knives. APPLY EVERY FIFTEEN MINUTES DURING OPERATION.

Portable Electric Generating Plant

Where electric current is not available, or hedge is beyond 1000 feet from lamp socket, use this Portable Electric Generating Plant, which furnishes 110 volt, 350 watt, 60 cycle A.C. current.

Mounted on pneumatic tired dolly. Weighs only 107 pounds. Will operate very economically, using about one gallon of gasoline in seven hours.





(See List of Parts on page 21)

Instructions for Assembling "Little Wonder" Lawn Weed Clipper

Bolt steel Bar No. 61 to top of casting No. 60.

Bolt CUTTING BAR to under side of casting No. 60.

Bolt casting No. 62 to the threaded bracket on extreme end of cutting bar, starting the bolt from the back of hole in No. 62 so the threaded portion will come out next to cutting bar and thread into the threaded bracket. However, before you thread the bolt into this threaded bracket, place the pony wheel bracket No. 68 between these two parts (as illustrated) and fasten it all together.

Bolt steel bar No. 63 to top of casting No. 62.

Bolt gear bar No. 22 to TOP of steel bar No. 61 (illustration shows No. 61 on top of No. 22. This is an error).

Bolt bar No. 63 on top of gear bar No. 22. At the same time fasten body brace bracket No. 35 with the same bolt and use another bolt in the extreme end of No. 35 to support it.

Assemble brace No. 61A to No. 61 and No 60 as shown on illustration. Assemble bracket of right hand pony wheel No. 67 to underside of cutting bar, using holes in same between end of cutting blades and casting No. 60.

Bolt Brace 63A to 62 and 63.

Assemble wheels No. 65 as indicated, using long bolts No. 64, lock washer and nut.

Three holes in castings No. 60 and 62 are provided so as to vary the heighth of the cutting bar to suit the operator and work to be done.

Attach driving rod No. 50 to fly-wheel.

Attach driving rod No. 59 to bracket on movable cutting blade.

Oil up well and the machine is ready for use.

In case the cutting teeth do not properly match (come opposite each other), two adjustments are provided so they may be made to match on each throw. These adjustments are found in the long thread provided on the two bolts with ball ends that work in the two socket connections.

To get good service from this outfit and for easy operation, it is necessary to keep all movable parts well lubricated and to use clear kerosene in the four slots in the movable cutting bar frequently to remove gummy substance which forms there.

NOTE—The castings No. 60 and No. 62 and braces No. 61A and 63A are different for the 30″ and 40″ cutting bars, therefore be careful to keep each set of attachments by itself.

A few of the many testimonials received from pleased users of Electric "Little Wonder" Hedge Trimmers and Portable Electric Generators

Your electric "Little Wonder" Hedge Trimmer, with the portable electric generator, is just what it is named, a "little wonder."

I have thousands of feet of hedge to trim. Since I have used your trimmer, I am able to give it three cuttings a season with two men. When we used the hand shears, we were able to get only two cuttings with fifteen men a season. The two men do much better work with the electric trimmer than was ever done by hand shears.

The electric trimmer not only paid for itself the first month in use, but it is a great labor saver. I know that if I had the only one in existence, no one could buy it, as it would be priceless.

City of Philadelphia,
Fred W. Unruh,
Landscape Gardener.
Bureau of City Property,
Department of Public Works,
Room 117, City Hall,
Philadelphia, Pa.

We have been using your Electric Little Wonder Hedge Trimmer in connection with your Portable Electric Generator, to trim our five miles of Privet Hedge the past three years and find your machine is truly a Little Wonder.

One man trims all our hedge in eleven days' time, while with hand shears it consumed three week's time with four men. We find we have saved the cost of this outfit many times over, and if we could not purchase another, it would be priceless. We recommend it most heartily.

Stephen J. Walsh, Supt.,
c/o John Gribbel Estate,
Box 85, Wyncote, Pa.

We have been using your Electric Little Wonder Hedge Trimmer with the Portable Electric Generator, to furnish the required current, for the past three years, and find our 6,000 feet of Privet Hedges are kept in perfect condition with this outfit, with only a small fraction of the time we had previously spent with the hand shears.

Before purchasing your outfit we trimmed our hedges twice a year, but now find we can trim three times each year, keeping the hedges in much better shape and the place in better condition. Our hedges are often admired, as they are level and square, resembling a moulded fence.

We find we can save the price of this outfit—Electric Hedge Trimmer and Portable Electric Generator—in one year, and we would not be without it.

We are very much pleased that we purchased this outfit and heartily recommend it to any person desiring to purchase an outfit, as a wonderful time and labor saving device, besides assuring a better and more complete job than when cut by the old-time shear method.

Morris Clothier Estate,
Warren Faulk, Supt.
Villa Nova, Pa.

Price List of Parts for Hand Operated Machine

Code	Part No.	Description	36" Price Each	40" Price Each	48" Price Each
Abide	1	Movable blade complete with bushed bracket	$7.00	$8.25	$10.50
Abiding	1A	Blade bracket, bushed		.75	
Abidingly	1B	Bushing for blade bracket		.35	
Ability	2	Stationary blade	6.25	7.50	9.75
Affirm	2A	Screw to attach stationary blade to frame		.01	
Affix	2B	Screws with nuts to attach stationary blade		.03	
Able	3	Frame bar, bored and tapped, with handle brackets	$1.50	2.00	3.00
Absent	4	Large head screws with nuts for attaching movable blade, 7/8" long		.15	
Absence	4A	Ditto, for bracket end, 1-1/8" long		.50	
Absurd	5	Wooden handles for frame, including bolt and link		.30	
Abut	5A	Wing screws for same		.06	
Abuse	6	Guide for movable blade		.35	
Abusive	7	Machine screws for same		.03	
Academy	8A	Complete cutting bar assemblage	16.50	20.00	25.50
Accord	9	Gear frame, bored and tapped		.75	.75
Accuse	10	Bearing boxes		1.00	
Occrete	11	Machine screws and nuts for same		.05	
Ace	12	Large gear wheels only, bored and tapped		2.50	
Acre	13	Large gear wheel complete with bearing stud and handle		3.15	
Acid	13A	Large gear wheel, crank handle, bearing box, bearing stud, grease cup, and bolts, complete		4.45	
Acme	14	Bearing stud for large gear		.25	
Actor	15	Wooden handle complete with crank arm		.40	
Adore	16	Cap screws for same		.03	
Adrift	17	Fly wheel complete with connecting rod stud		.75	
Arrive	17A	Connecting rod stud for fly wheel		.15	
Adult	18	Pinion, bored and tapped		.75	1.25
Admire	19	Bearing stud for fly wheel and pinion		.25	
Adverb	20	Wooden handle for end of gear frame, with screw eye		.10	
Advice	21	Bolt for same		.10	
Affable	22	Complete gear bar assemblage		8.50	9.00
Affear	22A	Fly wheel, pinion, bearing box, bearing stud, grease cup, and bolts, complete		3.00	3.50
Affair	23	Connecting rod, bushed		1.80	
Affar	23A	Connecting rod bushing, ½" long		.50	
Affix	23B	Connecting rod bushings, ¼" long		.35	
Affect	24	Connecting rod clevice pin		.10	
Affray	25	Universal joint		.75	
Afresh	26	Angle bracket		.25	
Agape	27	Machine screws for same		.06	
Agog	28	Wing nuts for same		.06	
Agony	29	Shoulder brace		.75	
Ago	29A	Cap screws for same		.03	

Code	Part No.	Description	30″ Price Each	40″ Price Each	60″ Price Each
Ahoy	30	Shoulder brace adjusting bar		.50	
Ahem	31	Shoulder brace adjusting bar bracket		.25	
Akin	32	Cap screws for same		.03	
Ajar	33	Body support		.25	
Ala	34	Bolt and wing nut for same		.10	
Ail	35	Body brace bracket		.25	
Alibi	36	Shoulder strap		.75	
Allay	37	Carborundum sharpening stone		.75	
Allen	38	Grease cups		.20	
Allot	40	Side cutting carriage, for use with 30″ and 40″ hand machines only		5.00	
	41	Regrinding, per blade	.75	.75	1.25
Allow	42	Bar for side cutting carriage, bored and tapped		2.00	
Alloy	43	Connecting braces for same		.25	
Bale	64	Axle bolt with nut		.60	
Ball	65	Wheel		2.00	

Price List of Parts for 27-inch Junior Electric Model

Code	Part No.	Description	Price Each
Jag	J1	Movable blade complete with bushed bracket	$ 9.00
Jam	J1A	Blade bracket, bushed	2.50
Jail	J1B	Bushing for blade bracket	.35
Jade	J2	Stationary blade	6.50
Jar	J2A	Screw to attach stationary blade to frame	.01
Jabot	J2B	Screws with nuts to attach stationary blade	.03
Jaw	J3	Frame bar, bored and tapped, with handle bracket	2.00
Jazz	J3A	Frame bar reinforcing plate	.25
Jeer	J4A	Large head screws with nuts for attaching movable blade, 7/8″ long	.15
Jean	J4	Ditto, for bracket end, 1-1/4″ long	.50
Jerk	J5	Blade guide brace	.50
Jess	J5A	Cap screw for above	.05
Jew	J6	Rubber grips	.30
Jamb	J7	Fiber handle guard	.25
Jehu	J8	Bolt and nuts for handle	.10
Jest	J8A	Complete cutting bar assemblage	20.00
Jewel	J9	Connecting rod, bushed	1.75
Jib	J10	Connecting rod bushings, 1/4″ long	.35
Jig	J10A	Connecting rod bushing, 1/2″ long	.50
Jay	J11	Connecting rod stud	.35
Jill	J12	Connecting rod clevice pin	.20
Job	J13	60 tooth gear (intermediate)	1.75
Jog	J14	60 tooth gear (driving)	2.00
Join	J15	14 tooth gear	1.00
Joint	J16	12 tooth motor pinion	1.00
Joker	J16A	Tapered pins for gears	.05
Joist	J17	Bearing stud, 9/16 x 1-1/4″, single end	.50
Joke	J17A	Bearing stud, 9/16 x 1-3/4″, double end	.75
Jolly	J17B	Machined washer for same	.25
Jolt	J18	Bearing box	3.00
Jot	J19	Gear train assemblage	12.00
Jowl	J20	Oilers for bearing box	.25
Jab	H.D.J21	Universal motor, Type P38, 1/16 H.P,	14.00

PARTS FOR TYPE P MOTORS:

Code	Part No.	Description	Price Each
Jack	H.D.J21A	Armature	8.00
Joss	H.D.J21B	Ball bearing	2.00
Jostle	H.D.J21C	Motor brush with spring	.20
Jitter	H.D.J21D	Motor brush cap	.35
Jeff	H.D.J21E	Long bolt and nut for clamping motor cover	.10

PARTS FOR TYPE BA MOTORS, 1/20 H.P.:

Judge	J21A	Armature	8.00
Judy	J21B	Bearing liners	.50
Jug	J21C	Motor brush with spring	.20
Juice	J21D	Motor brush cap	.35
July	J21E	Motor oilers	.20
Jump	J22	Motor base plate	1.00
June	J23	Cap screws for bearing box	.05
Junta	J24	Screws for attaching motor	.03
Jute	J26	Handle bracket	.10
Jut	J27	Bolt and nut for handle	.10
Just	J28	Switch bracket	.25
Jiffy	J29	Handle assembly complete with switch bracket	.75
Jibe	J29A	Cap screws to attach handle assembly	.05
Jilt	J30	Switch	1.00
Jinn	J30A	Screws and nuts to attach switch	.10
Jelly	J31	Gear cover	3.50
Jet	J31A	Cap screws to attach gear cover	.05
Jack	J32	Gear cover plate	.25
Jetty	J32A	Screws to attach cover plate	.03
Jalap	J37	Carborundum sharpening stone	.75
Japan	J38	Reel for 100 ft. length extension wire	1.00
Joust	J38A	Rubber covered wire, 100 ft. length	4.50
Java	J39	Electric plug	.30
Jaunt	J40	Electric socket	.60
Jerry	J41	Wrench	.10
		Regrinding, per blade	.75

Price List of Parts for 36-inch Senior Electric Model

Code	Part No.	Description	Price Each
Dab	EE1	Outside blade complete with bushed bracket	$10.00
Dace	EE1A	Blade bracket for same, bushed	2.50
Dado	EE2	Inside blade complete with bushed bracket	10.00
Daft	EE2A	Blade bracket for same, bushed	2.50
Daily	EE1B	Bushings for blade brackets	.35
Dairy	EE3	Frame bar, bored and tapped, with handle bracket	2.50
Dale	EE4B	Large head screws with nuts for attaching blades, $\frac{1}{4}$ x 1-$\frac{1}{16}$"	.50
Dais	EE4A	Ditto, for bracket end, $\frac{5}{16}$ x 1-½"	.50
Dame	EE5A	Spacer washers for EE4B	.10
Damp	EE5	Blade guide brace	.50
Dank	EE5B	Cap screw for same	.05
Dance	EE6	Rubber grip	.30
Dane	EE7	Fiber handle guard	.25

Code	Part No.	Description	Price Each
Dare	EE8	Bolt and nuts for handle	.10
Dark	EE8A	Complete cutting bar assemblage	27.00
Dash	EE9	Connecting rods, bushed	1.75
Date	EE10	Connecting rod bushings, ¼" long	.35
Daub	EE10A	Connecting rod bushings, ½" long	.50
Dawn	EE11	Connecting rod stud	.50
Day	EE12	Connecting rod clevice pin	.20
Dead	EE13	68 tooth gear	3.50
Deaf	EE13A	Crank shaft strap	.75
Deal	EE14	46 tooth gear	3.00
Dean	EE15	14 tooth gear	1.75
Death	EE16	12 tooth motor pinion	1.50
Dear	EE16A	Tapered pins for gears	.05
Debar	EE17A	Bearing stud, 2-⅛" long	2.50
Debt	EE17B	Bearing stud, 2-$\frac{5}{16}$" long	2.50
Debit	EE17C	Machined washer for same	.30
Decay	EE18	Bearing box, not bushed	3.00
Decide	EE18A	Bushing for bearing box, 1-$\frac{1}{16}$" long	1.25
Deck	EE18B	Bushing for bearing box, 1-½" long	1.25
Decoy	EE19	Gear train assemblage	24.00
Deed	EE20	Brass grease cups	.75
Deep	EE20A	Grease cup stem	.25
Deem	EE20B	Grease cup cap	.50
Can	H.D.EE21	Universal Motor, Type P56, 1/9 H.P.	17.00
Care	H.D.EE21A	Armature for type P56 motor	8.00
Card	H.D.EE21AA	Armature for type P58 motor	11.50

PARTS FOR TYPE P56 AND TYPE P58 MOTORS:

Cask	H.D.EE21B	Ball bearing	2.00
Caste	H.D.EE21C	Motor brush with spring	.20
Cat	H.D.EE21D	Motor brush cap	.35
Catch	H.D.EE21E	Long bolt and nut for clamping motor cover	.10

PARTS FOR TYPE SDA 1/10 H.P. MOTORS:

Defeat	EE21A	Armature	11.50
Defy	EE21B	Bearing liners	.50
Delay	EE21C	Motor brush with spring	.20
Den	EE21D	Motor brush cap	.35
Dense	EE21E	Motor oilers	.20
Dent	EE22	Motor base plate	2.00
Demur	EE22A	Cap screw for same	.05
Deny	EE23	Cap screws for bearing box	.06
Desk	EE24	Bolts with nuts to attach motor	.06
Dew	EE25	Body guard (curved brace)	.75
Deter	EE25A	Cap screw for same	.05
Dice	EE26	"D" handle complete	2.00
Dial	EE26A	Cap screw and nut for same	.06
Die	EE27	Switch	1.00
Diet	EE27A	Screws and nuts to attach switch	.10
Dim	EE28	Gear cover with lid	7.50
Dike	EE28A	Cap screws for same	.05
Dig	EE29	Lid for gear cover	1.50
Jalap	EE37	Carborundum sharpening stone	.75
Japan	EE38	Reel for 100 ft. length extension wire	1.00
Joust	EE38A	Rubber covered wire, 100 ft. length	4 50
Java	EE39	Electric plug	.30
Jaunt	EE40	Electric socket	.60
Jerry	EE41	Wrench	.10
		Regrinding, per blade	.75

Price List of Parts for 60-inch Senior Electric Model

Code	Part No.	Description	Price Each
Eagle	E1	Movable blade complete with bushed bracket	$12.25
Ear	E1A	Blade bracket, bushed	2.50
Easel	E1B	Bushing for blade bracket	.35
Earl	E2	Stationary blade	9.75
Ebon	E2B	Screws with nuts to attach stationary blade	.03
Earth	E3	Frame bar, bored and tapped, with handle brackets	3.00
Ebb	E4B	Large head screws with nuts for attaching movable blade, 7/8" long	.15
Eat	E4A	Ditto, for bracket end, 1-1/4" long	.50
Ebony	E5	Blade guide brace	.50
Echo	E6	Rubber grips	.30
Eclat	E7	Fiber handle guard	.25
Ecru	E8	Bolts and nuts for handles	.10
Eddy	E8A	Cutting bar assemblage	32.00
Edge	E9	Connecting rod, bushed	1.75
Educe	E10A	Connecting rod bushings, 1/4" long	.35
Eel	E10B	Connecting rod bushing, 1/2" long	.50
Egad	E11	Connecting rod stud	.25
Egg	E12	Connecting rod clevice pin	.20
Ego	E13	68 tooth gear	3.50
Egret	E14	64 tooth gear	3.00
Eider	E15	14 tooth gear	1.75
Elan	E16	12 tooth motor pinion	1.50
Elest	E17A	Bearing stud, 9/16 x 1-7/8", single end	2.50
Elegy	E17B	Bearing stud, 9/16 x 2-3/8", double end	2.50
Elf	E18	Bearing box, not bushed	3.00
Elk	E18A	Bushings for bearing box	1.25
Else	E19	Gear train assemblage	22.00
Emir	E20	Brass grease cups	.75
Emit	E20A	Grease cup stem	.25
Empty	E20B	Grease cup cap	.50
Can	H.D.E21	Universal Motor, Type P56, 1/9 H.P.	17.00
Care	H.D.E21A	Armature for type P56 motor	8.00
Card	H.D.E21AA	Armature for type P58 motor	11.50
		PARTS FOR TYPE P56 AND TYPE P58 MOTORS:	
Cask	H.D.E21B	Ball bearing	2.00
Caste	H.D.E21C	Motor brush with spring	.20
Cat	H.D.E21D	Motor brush cap	.35
Catch	H.D.E21E	Long bolt and nut for clamping motor cover	.10
		PARTS FOR TYPE SDA 1/10 H.P. MOTORS:	
Defeat	E21A	Armature	11.50
Defy	E21B	Bearing liners	.50
Delay	E21C	Motor brush with spring	.20
Den	E21D	Motor brush cap	.35
Dense	E21E	Motor oilers	.20
End	E22	Motor base plate	1.50
Endow	E22A	Cap screws and nuts for same	.06
Endo	E23	Cap screws for bearing box	.06
Engage	E24	Bolts with nuts to attach motor	.06
Enlist	E25	Connecting plate	.25
Enrich	E25A	Bolts with nuts for same	.06
Ensign	E26	"D" handle complete	2.00

Code	Part No.	Description	Price Each
Enter	E26A	Cap screw and nut for same	.06
Entey	E27	Switch	1.00
Entry	E27A	Screws and nuts to attach switch	.10
Epic	E28	Gear cover with lid	7.50
Epoch	E28A	Cap screw for same	.05
Equal	E29	Lid for gear cover	1.50
Jalap	E37	Carborundum sharpening stone	.75
Japan	E38	Reel for 100 ft. length extension wire	1.00
Joust	E38A	Rubber covered wire, 100 ft. length	4.50
Java	E39	Electric plug	.30
Jaunt	E40	Electric socket	.60
Jerry	E41	Wrench	.10
		Regrinding, per blade	1.25

List of Parts
Lawn Weed Clipper

Code	Part No.	Description	Price Each
Bond	49	Long Connecting Rod (tubing without end connections	$1.00
Back	50	Long Connecting Rod, complete with both end connections	3.75
Block	50-A	Steel End Stud for Connecting Rod, bushed	.75
Bad	54	Aluminum Rocker Bracket, complete with Bronze Bushing, Pivoting Pin and Oiler	2.75
Bate	54-A	Aluminum Rocker Bracket, plain	1.25
Bathe	54-B	Bushing for Aluminum Rocker Bracket	.35
Bass	54-C	Pivoting Pin	.50
Basic	54-D	Oiler	.65
Badge	57	Ball Head Screw	.50
Baffle	58	Socket Joint (Two Halves)	1.50
Baf	58-A	Shank for same	2.00
Bag	59	Short Aluminum Connecting Rod	1.00
Baggage	60	Right-hand Wheel Bracket (to which Rocker Bracket is attached) machined and tapped	2.00
Bail	61	Right-hand Steel Frame Bar, bored and tapped	1.00
Bait	61-A	Brace for same, including screws	.25
Bake	62	Left-hand Wheel Bracket, machined and tapped	2.00
Balance	63	Left-hand Steel Frame Bar, bored and tapped	1.00
Bald	63-A	Brace for same	.25
Bale	64	Axle Bolts	.60
Ball	65	Wheels	2.00
Ballad	66	Pony Wheels	.35
Balloon	67	Right Pony Wheel Bracket, with screws	.25
Ballot	68	Left Pony Wheel Bracket, with screws	.25
Balm	33	Body Support	.25
Balsam	35	Body Brace Bracket, with Handle and Bracket	.75